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|---|--|--------------------------|----------------|
| DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) <input type="checkbox"/> Declaration Submitted With Initial Filing OR <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required) | | Attorney Docket Number | 421/117 PCT/US |
| | | First Named Inventor | DeSimone |
| | | COMPLETE IF KNOWN | |
| | | Application Number | |
| | | Filing Date | March 21, 2006 |
| | | Art Unit | |
| | | Examiner Name | |

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PHOTOCURABLE PERFLUOROPOLYETHERS FOR USE AS NOVEL MATERIALS IN MICROFLUIDIC DEVICES

(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) 09/23/2004 as United States Application Number or PCT International

Application Number PCT/US2004/031274 and was amended on 11/10/2005 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed | Certified Copy Attached? | |
|---|------------------|--|--------------------------|--------------------------|-------------------------------------|
| | | | | YES | NO |
| PCT/US2004/031274 60/505,384 60/524,788 | WIPO US US | 09/23/2004 09/23/2003 11/21/2003 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

DECLARATION – Utility or Design Patent Application

Direct all correspondence to: ☒ The address associated with Customer Number: 25297 OR ☐ Correspondence address below

Name
Arles A. Taylor, Jr.

Address
Suite 1200, University Tower, 3100 Tower Boulevard

| | | |
|----------------|-------------|--------------|
| City Durham | State NC | ZIP 27707 |
|----------------|-------------|--------------|

| | | |
|----------------|---------------------------|---------------------------|
| Country USA | Telephone 919-493-8000 | Email ataylor@jwth.com |
|----------------|---------------------------|---------------------------|

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR: ☐ A petition has been filed for this unsigned inventor

| | |
|---|------------------------------------|
| Given Name (first and middle [if any]) Joseph M. | Family Name or Surname DeSimone |
|---|------------------------------------|

| | |
|--|-----------------|
| Inventor's Signature  | Date 4/13/07 |
|--|-----------------|

| | | | |
|--------------------------------|-------------|---------------|-------------------|
| Residence: City Chapel Hill | State NC | Country US | Citizenship US |
|--------------------------------|-------------|---------------|-------------------|

Mailing Address
7315 Crescent Ridge Drive

| | | | |
|---------------------|-------------|--------------|---------------|
| City Chapel Hill | State NC | Zip 27516 | Country US |
|---------------------|-------------|--------------|---------------|

NAME OF SECOND INVENTOR: ☐ A petition has been filed for this unsigned inventor

| | |
|--|-----------------------------------|
| Given Name (first and middle [if any]) Jason P. | Family Name or Surname Rolland |
|--|-----------------------------------|

| | |
|---|---------------------|
| Inventor's Signature  | Date 05-APR-2007 |
|---|---------------------|

| | | | |
|---------------------------|-------------|---------------|-------------------|
| Residence: City Durham | State NC | Country US | Citizenship US |
|---------------------------|-------------|---------------|-------------------|

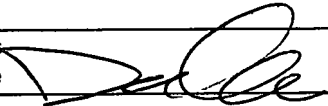
Mailing Address
102 Hollow Oak Drive

| | | | |
|----------------|-------------|--------------|---------------|
| City Durham | State NC | Zip 27713 | Country US |
|----------------|-------------|--------------|---------------|

☒ Additional inventors or a legal representative are being named on the _____ supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.

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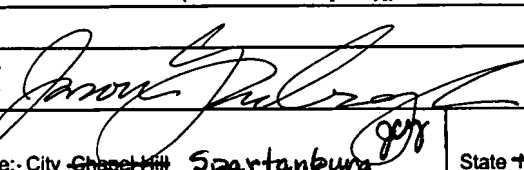
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| DECLARATION | ADDITIONAL INVENTOR(S) Supplemental Sheet <div style="text-align: right;">Page ____ of ____</div> |
|--------------------|---|

| | | | |
|--|----------|---|----------------|
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) | | Family Name or Surname | |
| Stephen R. | | Quake | |
| Inventor's Signature | | Date | |
| Residence: City New York | State NY | Country US | Citizenship US |
| 120 W. 15th Street, #6F Mailing Address | | | |
| City New York | State NY | Zip 10011 | Country US |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) | | Family Name or Surname | |
| Derek A. | | Schorzman | |
| Inventor's Signature  | | Date 4/5/07 | |
| Residence: City Chapel Hill | State NC | Country US | Citizenship US |
| Campus Box 3290, Venable Hall Mailing Address | | | |
| City Chapel Hill | State NC | Zip 27599 | Country US |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) | | Family Name or Surname | |
| Jason | | Yarbrough | |
| Inventor's Signature | | Date | |
| Residence: City Chapel Hill | State NC | Country US | Citizenship US |
| 103 Dickens Court, No. 6 Mailing Address | | | |
| City Chapel Hill | State NC | Zip 27514 | Country US |

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If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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| DECLARATION | ADDITIONAL INVENTOR(S) Supplemental Sheet <div style="text-align: right;">Page of </div> |
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|--|-------------------------------|---|----------------|
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) | | Family Name or Surname | |
| Stephen R. | | Quake | |
| Inventor's Signature | | Date | |
| Residence: City New York | State NY | Country US | Citizenship US |
| 120 W. 15th Street, #6F Mailing Address | | | |
| City New York | State NY | Zip 10011 | Country US |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) | | Family Name or Surname | |
| Derek A. | | Schorzman | |
| Inventor's Signature | | Date | |
| Residence: City Chapel Hill | State NC | Country US | Citizenship US |
| Campus Box 3290, Venable Hall Mailing Address | | | |
| City Chapel Hill | State NC | Zip 27599 | Country US |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) | | Family Name or Surname | |
| Jason | | Yarbrough | |
| Inventor's Signature  | | Date 03/10/2007 | |
| Residence: City Chapel Hill <u>Spartanburg</u> | State NC <u>SC</u> | Country US | Citizenship US |
| 403 Dickerson Court, No. 0 <u>410 Melbourne Lane</u> Mailing Address | | | |
| City Chapel Hill <u>Spartanburg</u> | State NC <u>SC</u> | Zip 27514 <u>29301</u> | Country US |

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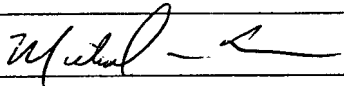
| | | | |
|---|----------|---|----------------|
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle[if any]) | | Family Name or Surname | |
| Stephen R. | | Quake | |
| Inventor's Signature | | Date 5/4/07 | |
| Residence: City Stanford | State CA | Country US | Citizenship US |
| 636 Alvarado Row Mailing Address | | | |
| City Stanford | State CA | Zip 94305 | Country US |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) | | Family Name or Surname | |
| Derek A. | | Schorzman | |
| Inventor's Signature | | Date | |
| Residence: City Chapel Hill | State NC | Country US | Citizenship US |
| Campus Box 3290, Venable Hall Mailing Address | | | |
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| Given Name (first and middle [if any]) | | Family Name or Surname | |
| Jason | | Yarbrough | |
| Inventor's Signature | | Date | |
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| | | | |
|--|----------|---|-----------------|
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) | | Family Name or Surname | |
| Michael | | Van Dam | |
| Inventor's Signature  | | | Date 2007-05-07 |
| Residence: City Glendale | State CA | Country US | Citizenship CA |
| 1630 Calle Vaquero # 408 | | | |
| Mailing Address | | | |
| City Glendale | State CA | Zip 91206 | Country US |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) | | Family Name or Surname | |
| | | | |
| Inventor's Signature | | | Date |
| Residence: City | State | Country | Citizenship |
| Mailing Address | | | |
| City | State | Zip | Country |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
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| | | | |
| Inventor's Signature | | | Date |
| Residence: City | State | Country | Citizenship |
| Mailing Address | | | |
| City | State | Zip | Country |

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